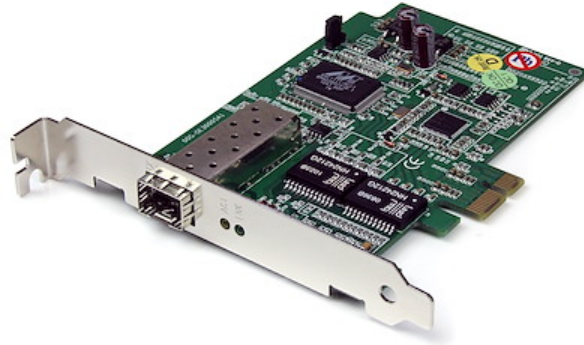


## PCI Express Gigabit Ethernet Fiber Open SFP PCIe Network Card Adapter NIC

**Product ID:** PEX1000SFP



The PEX1000SFP PCI Express Gigabit Ethernet Fiber Open SFP Network Card lets you connect a PCI Express-based PC directly to a fiber optic network using the Gigabit SFP of your choice.

A versatile solution for connecting a computer directly to a gigabit fiber network, the PCIe SFP network adapter enables you to choose the Gigabit SFP that best suits your network fiber connection and distance requirements (see our full line of for compatible solutions).

Ideal for secure network setups, the open SFP NIC offers a direct fiber connection which is not susceptible to electronic interference like standard RJ45 networks.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

### Applications

- Ideal for secure setups - a direct fiber connection means no electronic interference, which can be a problem with RJ45 network cards
- Perfect for remote embedded industrial monitoring systems, and high speed video surveillance
- Retain full Gigabit network speeds to a remote terminal over long distances

### Features

- Compatible with any Gigabit SFP modules

- Supports Full/Half-duplex Auto-Negotiation, Auto-MDI/MDIX
- Compliant with IEEE 802.3z 1000Base-SX/LX, IEEE802.1Q VLAN Tagging, IEEE802.1p Layer 2 Priority Encoding, IEEE 802.3x full duplex flow control, RFC 1157 SNMP v1
- Jumbo Frame Support
- Supports PCI Message Signaled Interrupt (MSI)
- Preboot Execution Environment (PXE) 2.1

---

#### Hardware

|                    |   |
|--------------------|---|
| Warranty           | 2 Years   |
| Ports              | 1   |
| Interface          | Fiber Ethernet  |
| Bus Type           | PCI Express   |
| Card Type          | Standard Profile  |
| Industry Standards | IEEE 802.3z 1000Base-SX/LX, IEEE802.1Q VLAN Tagging, IEEE802.1p Layer 2 Priority Encoding, IEEE 802.3x full duplex flow control, RFC 1157 SNMP v1 |
| Chipset ID         | Realtek - RTL8168B<br>Marvell - 88E1111-RCJ1  |

---

#### Performance

|                            |                                  |
|----------------------------|----------------------------------|
| Maximum Data Transfer Rate | 2000 Mbps (2 Gbps) - Full-Duplex |
| Buffer Size                | 48 KB                            |
| Compatible Networks        | 1000 Mbps (1 Gbps)               |
| Auto MDIX                  | Yes                              |
| Full Duplex Support        | Yes                              |

---

#### Connector(s)

|                   |                |
|-------------------|----------------|
| Connector Type(s) | PCI Express x1 |
| External Ports    | SFP Slot       |

---

#### Software

|                  |   |
|------------------|---|
| OS Compatibility | Windows 8 / 8.1 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), |
|------------------|---|

2000

Windows Server 2012, 2008 R2, 2003

Linux 2.4.x/ 2.6.x

---

**Special Notes / Requirements**

|      |  |
|------|--|
| Note | Fiber data transfer speeds and distances are dependent on the SFP used (sold separately) |
|------|--|

---

**Indicators**

|                |                   |
|----------------|-------------------|
| LED Indicators | Link (Green)      |
|                | Activity (Yellow) |

---

**Power**

|                              |           |
|------------------------------|-----------|
| Power Consumption (In Watts) | 2.3 W Max |
|------------------------------|-----------|

---

**Environmental**

|                       |                           |
|-----------------------|---------------------------|
| Operating Temperature | 0C to 45C (32F to 113F)   |
| Storage Temperature   | -10C to 70C (14F to 158F) |
| Humidity              | 5~95% RH (Non-condensing) |

---

**Physical Characteristics**

|                   |                  |
|-------------------|------------------|
| Product Length    | 3.3 in [85 mm]   |
| Product Width     | 0.6 in [14 mm]   |
| Product Height    | 5.1 in [12.8 cm] |
| Weight of Product | 2.4 oz [68 g]    |

---

**Packaging Information**

|                           |                  |
|---------------------------|------------------|
| Package Length            | 6.8 in [17.2 cm] |
| Package Width             | 8.3 in [21 cm]   |
| Package Height            | 2.0 in [50 mm]   |
| Shipping (Package) Weight | 7.6 oz [214 g]   |

---

**What's in the Box**



|                     |                                   |
|---------------------|-----------------------------------|
| Included in Package | PCI Express Open SFP Network Card |
|                     | Driver CD                         |
|                     | Instruction Manual                |

---

***\*Product appearance and specifications are subject to change without notice.***

